

# Basic Wild Type Adenovirus Genome



FIGURE 1

# Ad Vector #1



+

# Ad Vector #2



FIGURE 2

# Ad Vector #1



+

# Ad Vector #2



FIGURE 3

# Improved Delivery using Tumor Restricted Replication

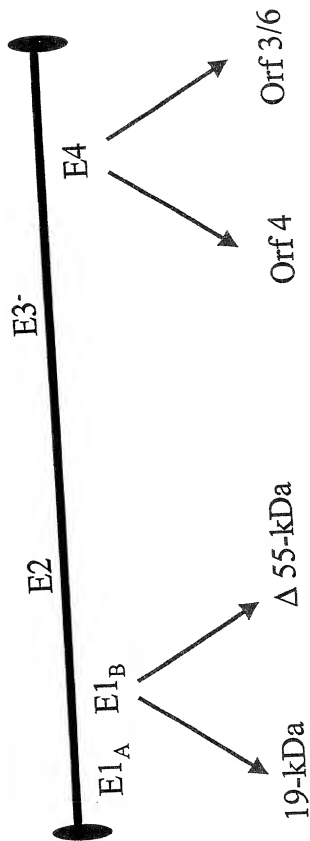


FIGURE 4

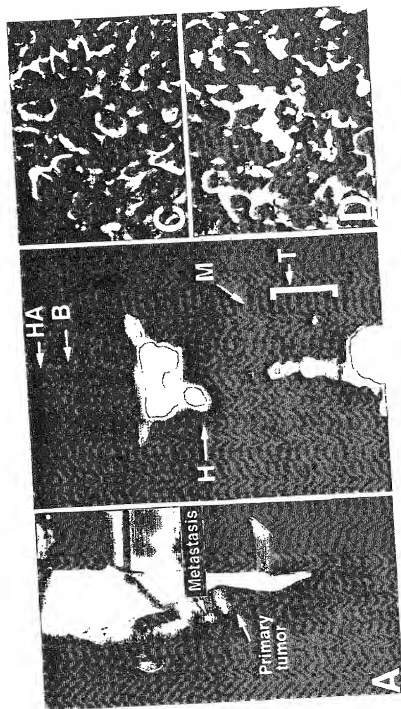


FIGURE 5

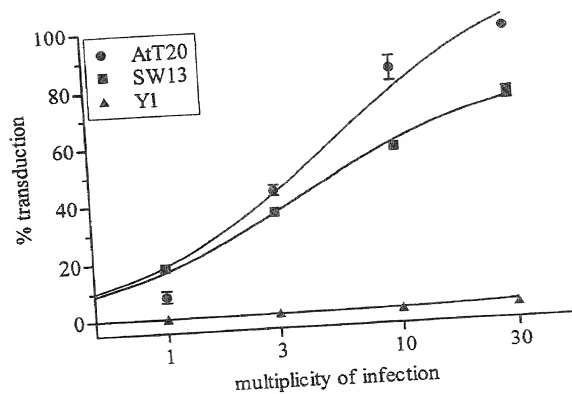


FIGURE 6

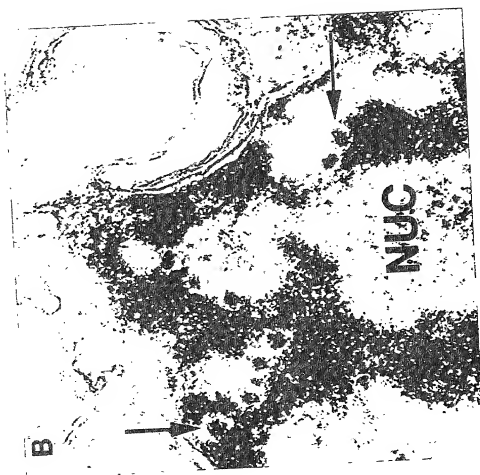
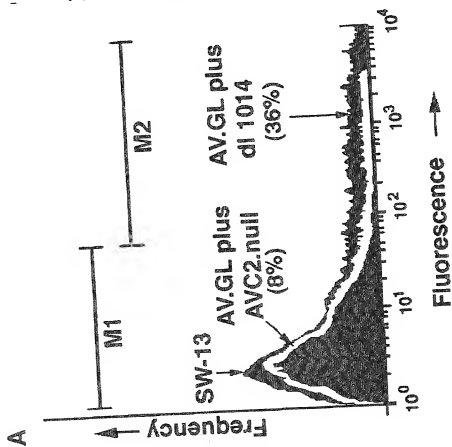


FIGURE 7

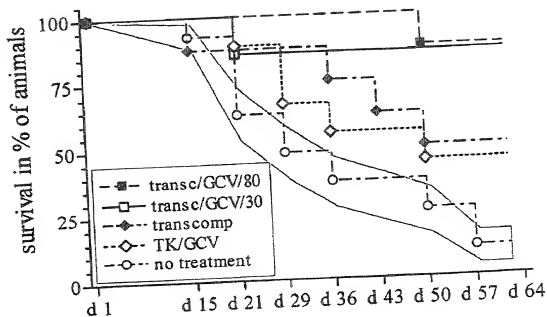


FIGURE 8



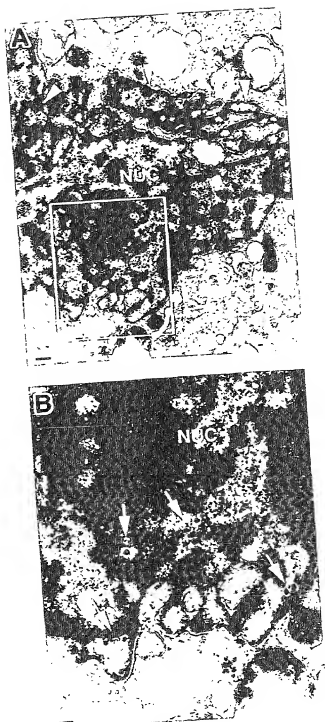


FIGURE 9

101K50-EB112860

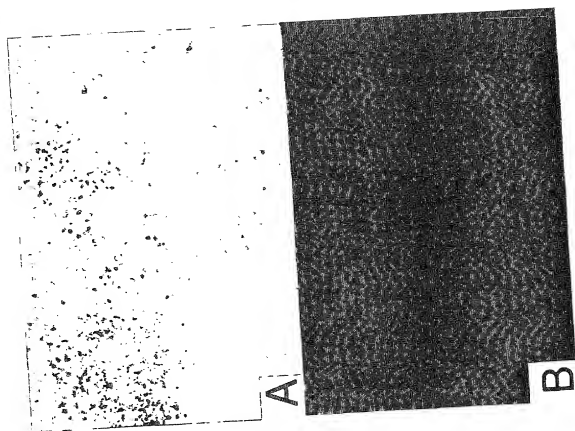
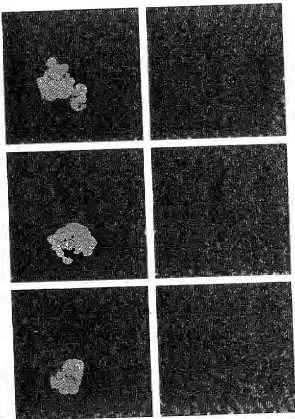
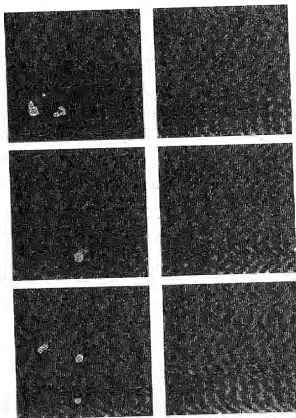


FIGURE 10

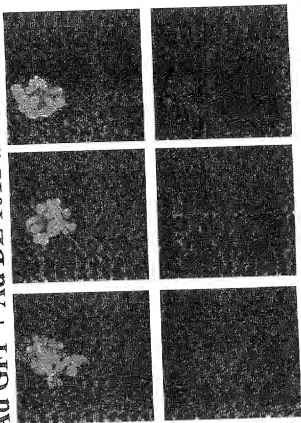
Ad GFP + Ad DL 1011 after 20 Hrs



Ad GFP + null Ad after 20 Hrs



Ad GFP + Ad DL 1011 after 48 Hrs



Ad GFP + null Ad after 48 Hrs

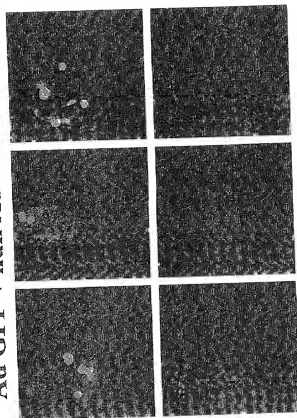


FIGURE 11

# Du-145

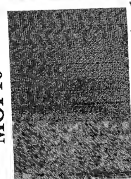
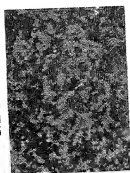
MOI 3

MOI 10

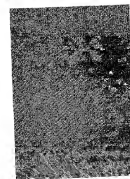
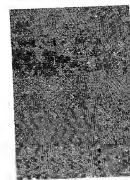
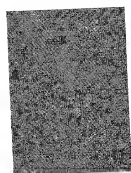
MOI 33

MOI 100

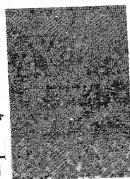
MOI 333



1 : 1 GFP to DL 1011  $E_1 = E_4$



1 : 5 GFP to DL 1011 5 x  $E_1 : E_4$



5 : 1 GFP to DL 1011 5 x  $E_4 : E_1$

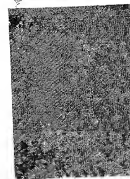
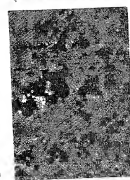
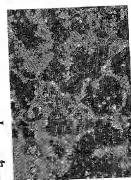
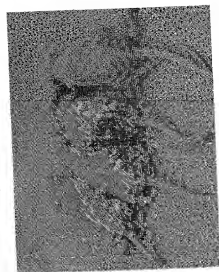


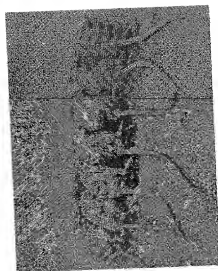
FIGURE 12

# HCT 115 96 Hours after Vector Administration

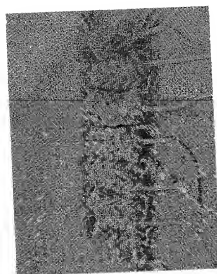
Negative Control



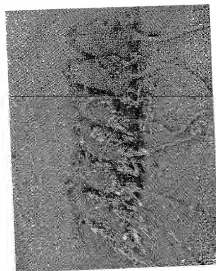
Ad GFP+Ad Null



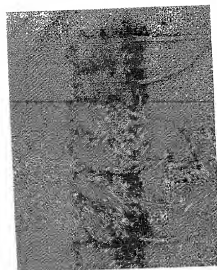
Ad GFP+Ad DL1010



Ad GFP+Ad DL1011



Ad GFP+Ad DL1014



Ad GFP+Ad DL1020

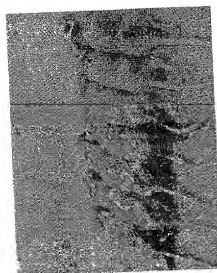
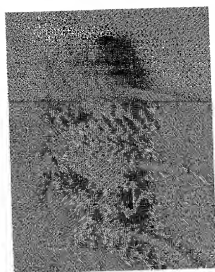


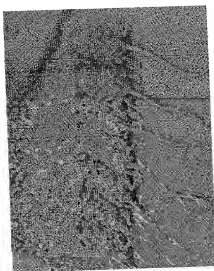
FIGURE 13A

# HCT 115 120 Hours after Vector Administration

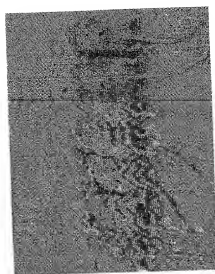
Negative Control



Ad GFP+Ad Null



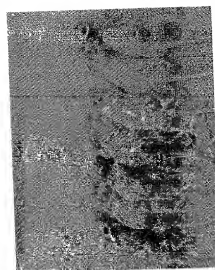
Ad GFP+Ad DL1010



Ad GFP+Ad DL1011



Ad GFP+Ad DL1014



Ad GFP+Ad DL1020

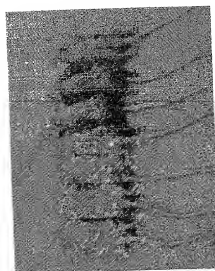
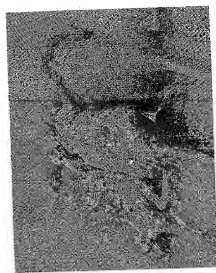


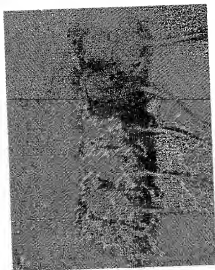
FIGURE 13B

# HCT 115 144 Hours after Vector Administration

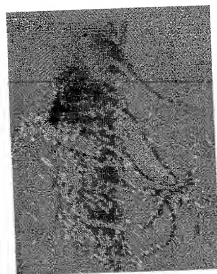
Negative Control



Ad GFP+Ad Null



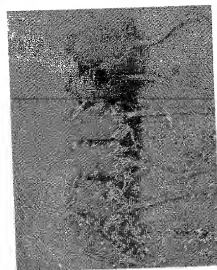
Ad GFP+Ad DL1010



Ad GFP+Ad DL1011



Ad GFP+Ad DL1014



Ad GFP+Ad DL1020

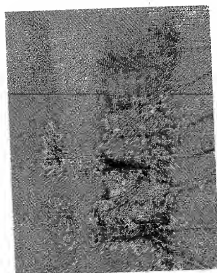
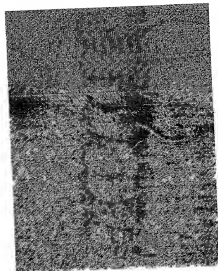


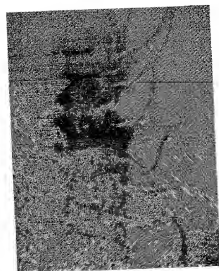
FIGURE 13C

# HCT 116 96 Hours after Vector Administration

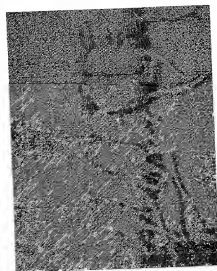
Ad GFP+Ad DL1010



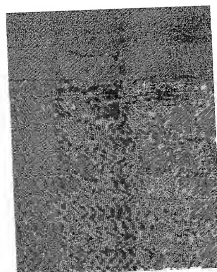
Ad GFP+Ad Null



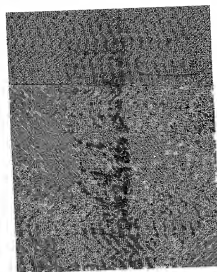
Negative Control



Ad GFP+Ad DL1020



Ad GFP+Ad DL1014



Ad GFP+Ad DL1011

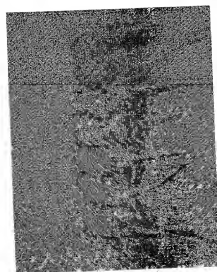
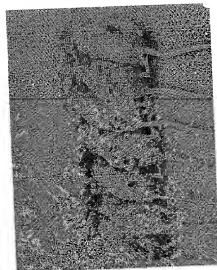


FIGURE 14A

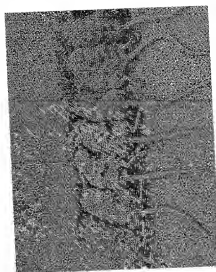


# HCT 116 120 Hours after Vector Administration

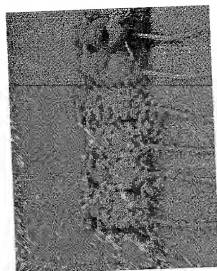
Ad GFP+Ad DL1010



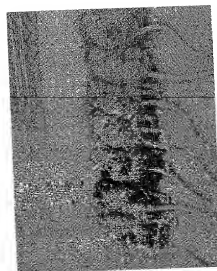
Ad GFP+Ad Null



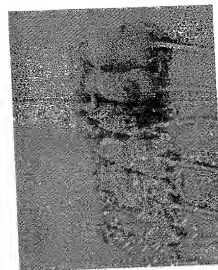
Negative Control



Ad GFP+Ad DL1020



Ad GFP+Ad DL1014



Ad GFP+Ad DL1011

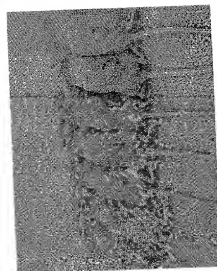
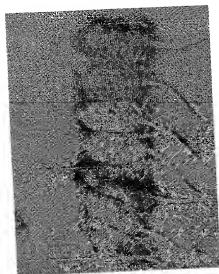


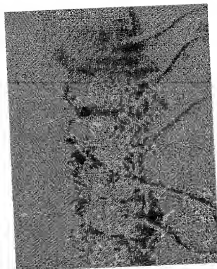
FIGURE 14B

# HCT 116 144 Hours after Vector Administration

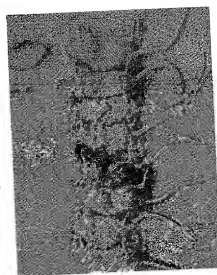
Ad GFP+Ad DL1010



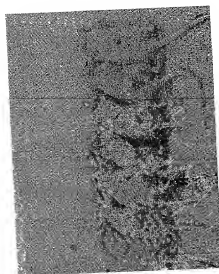
Ad GFP+Ad Null



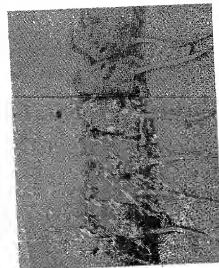
Negative Control



Ad GFP+Ad DL1020



Ad GFP+Ad DL1014



Ad GFP+Ad DL1011

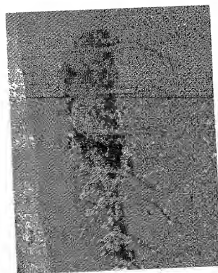


FIGURE 14C

# HCT 115 tumors @ 96 Hrs

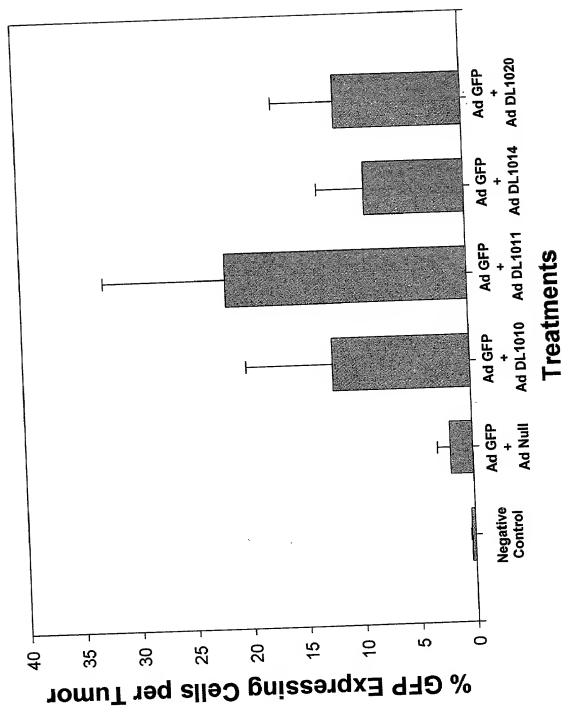


FIGURE 15A

# HCT 115 tumors @ 120 Hrs

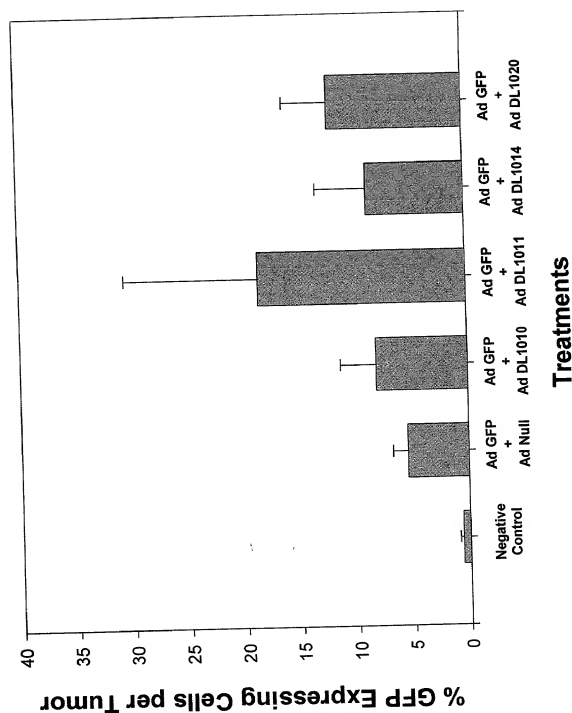


FIGURE 15B

# HCT 115 tumors @ 144 Hrs

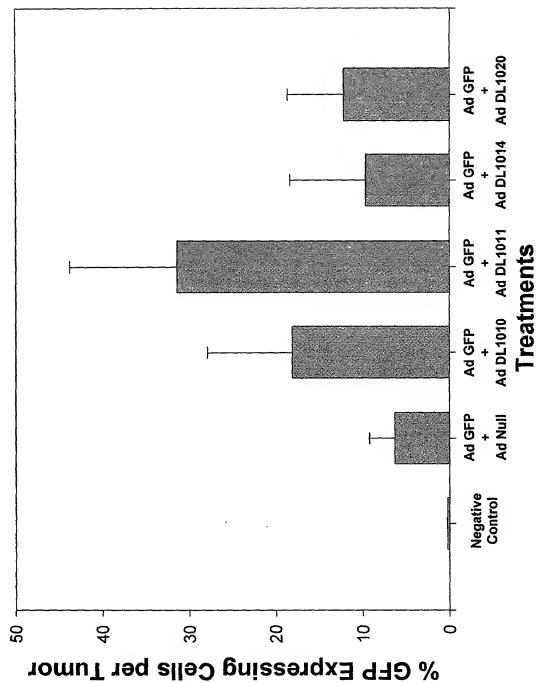


FIGURE 15C

# HCT 116 tumors @ 96 Hrs

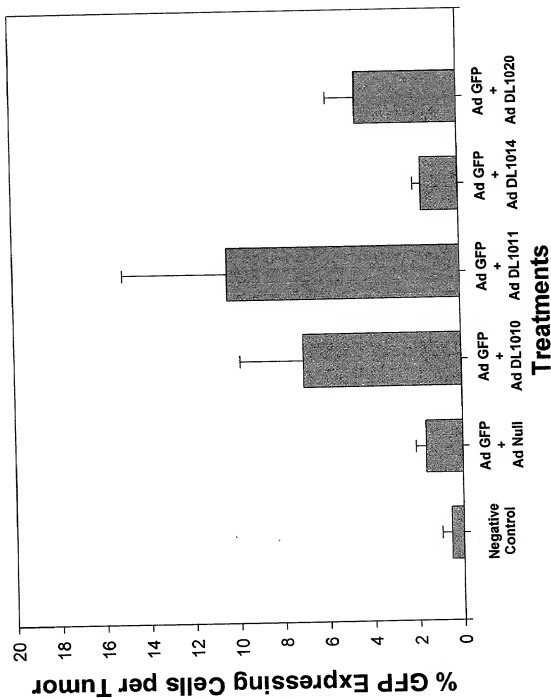


FIGURE 16A

# HCT 116 tumors @ 120 Hrs

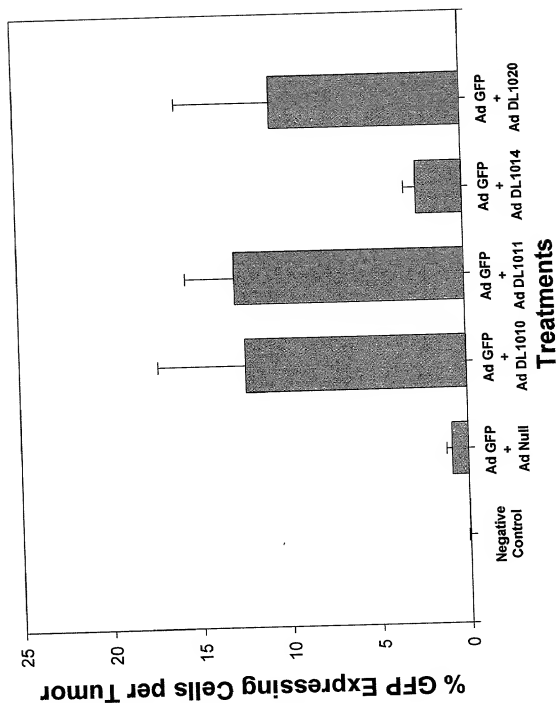


FIGURE 16B

# HCT 116 tumors @ 144 Hrs

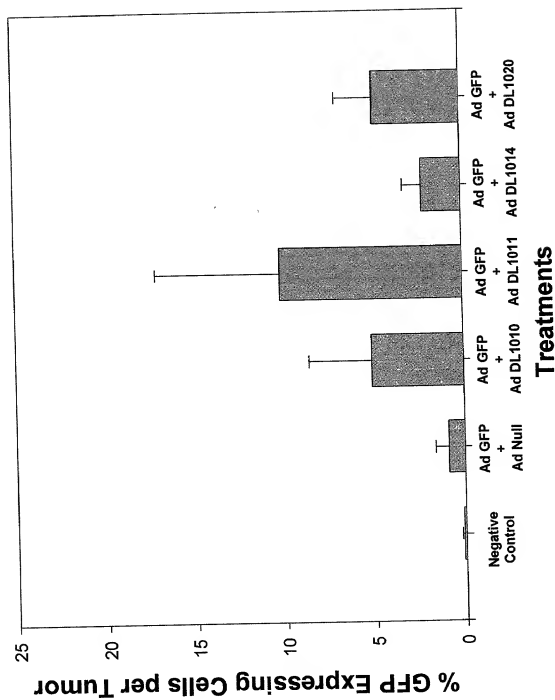


FIGURE 16C



# DU 145 @ 96 Hrs

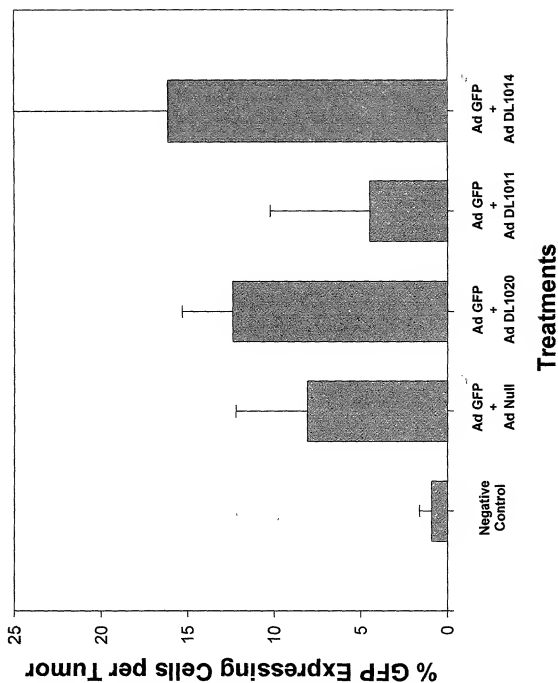


FIGURE 17A

DU 145 @ 120 Hrs

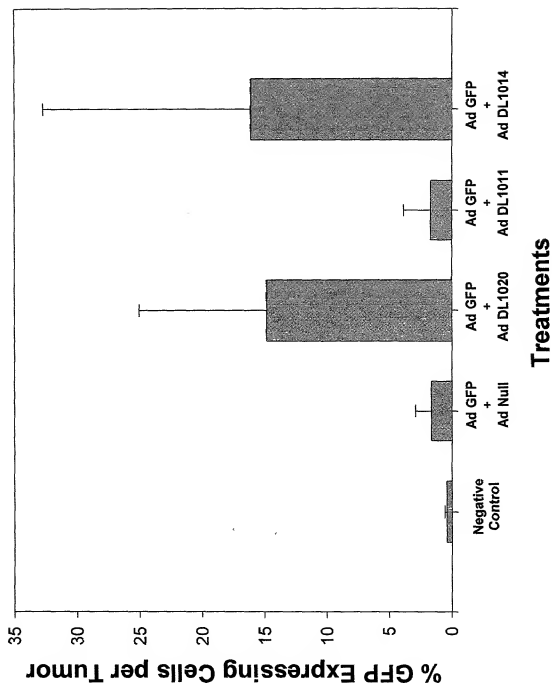


FIGURE 17B

